DOCUMENT RESUME

ED 381 609 UD 030 376

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| AUTHOR | Somerton, Wilbur H.; And Others |
| TITLE | The MESA Way: A Success Story of Nurturing Minorities for Math/Science-Based Careers. |
| REPORT NO | ISBN-1-880192-10-1 |
| PUB DATE | 94 |
| NOTE | 212p. |
| AVAILABLE FROM | Caddo Gap Press, 3145 Geary Boulevard, Suite 275, San Francisco, CA 94118 ($17.95; 20% discount for 4 or more copies). |
| PUB TYPE | Books (010) -- Guides - Non-Classroom Use (055) |
| EDRS PRICE | Document Not Available from EDRS. |
| DESCRIPTORS | Academic Achievement; *Career Guidance; Elementary Secondary Education; *Engineering Education; Incentives; *Mathematics Education; Mentors; *Minority Groups; Parent Participation; Problem Solving; Program Descriptions; *Program Effectiveness; *Science Careers; Student Motivation |
| IDENTIFIERS | *MESA Program CA |

ABSTRACT

Significant steps have been taken by the Mathematics, Engineering, Science Achievement (MESA) project since its formation in 1970. The founders of MESA began a campaign, first in high schools, and later in middle and elementary schools, to convince educators, parents, and students of the importance of raising standards for the minority children the program targets, and indeed for all students. This book provides a blueprint for the replication of MESA efforts through its profiles of a few individuals (educators, business professionals, and MESA staff) who have created the program. As a how-to manual, this book includes problem-solving approaches that can benefit education as a whole. Basic tenets of the MESA approach include: (1) group study sessions; (2) academic advising; (3) study assistance; (4) extra study bonuses; (5) incentive awards; (6) parent participation; (7) field trips; and (8) summer jobs. Twelve appendixes provide supplemental information, including a table of statistics about MESA graduates. (SLD)

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